Sign in

Google Web Images Video[New!] News Maps more »

branch target address cache Search Advanced Search Preferences

Web Results **1 - 10** of about **1,270,000** for **branch target address cache**. (**0.25** seconds)

Evaluation of a **branch target address cache**
Branches interrupt the sequential flow of instructions and introduce pipeline bubbles. **Branch** penalty can be a significant component of effective cpi ...
csdl.computer.org/comp/proceedings/hicss/1995/6930/00/69300173abs.htm - Similar pages

[PDF] Evaluation of a **Branch Target Address Cache**
File Format: PDF/Adobe Acrobat
cache sizes on the efficiency of **branch target address** ... 2 The **Branch Target Address Cache**. Condition codes in 4s are single bits in a 64-bit Condi- ...
csdl.computer.org/comp/proceedings/hicss/1995/6930/00/69300173.pdf - Similar pages

Branch target predictor - Wikipedia, the free encyclopedia
In more parallel processor designs, as the instruction **cache** latency grows longer and the fetch width grows wider, **branch target** extraction becomes a ...
en.wikipedia.org/wiki/**Branch_target**_predictor - 12k - Cached - Similar pages

Welcome to IEEE Xplore 2.0: Evaluation of a **branch target address ...**
We discuss the impact of different **branch target caching** policies and **cache** sizes on the efficiency of **branch target address cache**. ...
ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=375396 - Similar pages

[PDF] Evaluation of a **branch target address cache** - System Sciences. Vol ...
File Format: PDF/Adobe Acrobat
Page 1. Page 2. Page 3. Page 4. Page 5. Page 6. Page 7. Page 8.
ieeexplore.ieee.org/iel2/3016/8568/00375396.pdf?arnumber=375396 - Similar pages
[More results from ieeexplore.ieee.org]

Data processor with **branch target address cache** and method of ...
A data processor (10) has a BTAC (48) storing a number of recently encountered fetch **address-target address** pairs. Each pair also includes an offset tag ...
www.freepatentsonline.com/5530825.html - 71k - Cached - Similar pages

Pipelined two-cycle **branch target address cache** - Patent 6279105
In a **branch** instruction **target address cache**, an entry associated with a fetched block of instructions includes a **target address** of a **branch** instruction ...
www.freepatentsonline.com/6279105.html - 51k - Cached - Similar pages

Branch-Target Buffer or **Branch-Target Address Cache**
Variations: **Branch Target Cache** (BTC): stores one or more **target** instructions additionally. Return **Address** Stack (RAS): a small stack of return addresses ...
csd.ijs.si/courses/processor/Chapter4/tsld026.htm - 2k - Cached - Similar pages

Branch-Target Buffer or **Branch-Target Address Cache**
First ...

csd.ijs.si/courses/processor/Chapter4/sld027.htm - 2k - Cached - Similar pages

Prediction and Profile Buffers -- Mark Smotherman
BHT yes **branch** history table BPC tags yes yes yes **branch** prediction **cache** BTAC tags yes **branch target address cache** BTB tags yes yes **branch target** buffer ...
www.cs.clemson.edu/~mark/predict.html - 14k - Cached - Similar pages

Goooooooooogle ▶
Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**

---

branch target address cache Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

---

Google Home - Advertising Programs - Business Solutions - About Google

Google Scholar

register relative btac i/o Search

Advanced Scholar Search
Scholar Preferences
Scholar Help

Scholar **All articles** Recent articles Results **1** - **10** of about **25** for **register relative btac i/o**. (**0.21** seconds)

All Results

A Scott
A Gara
D Hunt
T Ungerer
K Burkhart

Development of Processor Cores for Digital Consumer Appliances - group of 2 »
F Arakawa, T Yamada, T Okada, M Ishikawa, Y Kondo, ... - Systems and Computers in Japan, 2006 - doi.wiley.com
... which is the reason we did not adopt **BTAC** architecture. ... 6. Middleware **relative** performance of SH-X. ... an example of the clock activity control of a **register** file ...
Related Articles - Web Search

Access type, memory system design, 108–109 Accumulator-based processor assembly language ...
ARM ARM - Architecture - doi.wiley.com
... mode, 23 indirect mode, 22 **relative** mode, 23 ... floating-point representation, 75 Base **register** sets, X86 ... 207 Branch target address cache (**BTAC**), pipeline stall ...
Web Search

Four-Way Superscalar PA-RISC Processors - group of 9 »
AP Scott, KP Burkhart, A Kumar, RM Blumberg, GL ... - Hewlett-Packard Journal, 1997 - docencia.ac.upc.edu
... If a branch hits in the **BTAC** but is predicted not ... its result is held in a temporary rename **register** and made ... **Relative** to the PA 7200, the misprediction rate is ...
Cited by 20 - Related Articles - View as HTML - Web Search - BL Direct

PC Processor Microarchitecture - group of 31 »
K Diefendorff - Microdesign Resources, Microprocessor Report, 1999 - ece.umd.edu
... Instead of a **BTAC**, some processors use a branch target instruction cache ... **Register** File ... however.Designed as shared multidrop buses for DRAM, **I/O**, and multiproces ...
Cited by 2 - Related Articles - View as HTML - Web Search

On Speculation Control in Simultaneous Multithreaded Processors - group of 2 »
U Sigmund, T Ungerer - Journal of Universal Computer Science, 2001 - jucs.org
... thread executes in a separate architectural **register** set. ... thread),; a 1024-entry branch target address cache (**BTAC**),; ... in Figure 15 and the **relative** IPC decrease ...
Cited by 1 - Related Articles - Web Search

Overview of the Blue Gene/L system architecture - group of 4 »
A Gara, MA Blumrich, D Chen, GLT Chiu, P Coteus, ... - IBM Journal of Research and Development, 2005 - research.ibm.com
... A branch target address cache (**BTAC**) reduces branch latency. ... each with its own arithmetic pipe and **register** file ... The **relative** size of the sections is adjustable ...
Cited by 27 - Related Articles - Cached - Web Search

Advanced performance features of the 64-bit PA-8000 - group of 3 »
D Hunt - Compcon'95.'Technologies for the Information Superhighway', ..., 1995 - ieeexplore.ieee.org
... As men- tioned earlier, the **BTAC** avoids the taken branch ... bus, Store data is copied from the **register** file to the ... Loads and stores to the **I/O** address space and ...
Cited by 104 - Related Articles - Web Search - BL Direct

Mispredicted Path Cache Effects
P Amestoy... - Springer
... associative branch target address cache (**BTAC**) and a ... of mispredicted path execution while enforcing **register** and memory ... a function of the **relative** frequency of ...
Related Articles - Web Search

Permeability characteristics of lipid bilayers from lipoic acid-derived phosphatidylcholines. ... - group of 2 »
J Stefely, MA Markowitz, SL Regen - Journal of the American Chemical Society, 1988 - pubs.acs.org
... It is also not obvious whether polymerized bilayers should be more or less permeable **relative** to their monomeric counterparts. ... CB 1 n l **l o**=c c=o l l cH3 ...
Cited by 4 - Related Articles - Web Search

Exploring the design space of LUT-based transparent accelerators - group of 6 »
S Yehia, N Clark, S Mahlke - Proceedings of the 2005 international conference on ..., 2005 - portal.acm.org
... a BRL has an entry in the **BTAC**, control is ... variety of sub- graphs, while maintaining a **relative** low interconnect ... 2. Each bit of the output **register**, r7, can be ...
Cited by 1 - Related Articles - Web Search

Gooogle ▶
Result Page: 1 2 3 **Next**

Results for "((btac<in>metadata) <and> (relative<in>metadata))<and> (i/o<in>..."
Your search matched **0** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

Modify Search

((btac<in>metadata) <and> (relative<in>metadata))<and> (i/o<in>metadata) Search

☐ Check to search only within this results set

Display Format: ◉ Citation ○ Citation & Abstract

» Key

Indicates full text access

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistance revising your search.

Indexed by Inspec